

Peak District National Park

Forecast valid from 06:00 on Wednesday 07 Sep 2022 until 23:59 on Thursday 08 Sep 2022

Forecast Issued on Wednesday 07 Sep 2022 at 03:27

Confidence: High for the unsettled, changeable theme, but low for precise rain and thunderstorm detail and timings.

Headline for Wednesday 07 Sep 2022: Scattered, heavy showers with a chance of thunder once again on Wednesday.

Mountain weather hazards on Wednesday 07 Sep 2022

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Medium Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

No Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Cloudy	Sunny intervals	Light rain showers	Thundery showers	Heavy rain showers	Partly cloudy (night)
Precipitation probability					
20%	30%	40%	60%	50%	20%

Forecast for Wednesday 07 Sep 2022

Weather: Early low cloud lifting and breaking by late morning. Otherwise, continuing fairly warm but unsettled, with heavy showers and thunderstorms, especially during the afternoon. Some strong gusty winds possible in association with any showers. Showers easing into the evening.

Chance of cloud-free hill tops above 600m: 20% improving 80% through morning.

Low cloud and visibility: Areas of cloud potentially obscuring hills above 300m at first, perhaps down to valley floors for some. This lifting and breaking through the morning with summits clearing, but some cloud likely returning at 600m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Forecast for Wednesday 07 Sep 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/23 SE	16/20 S	16/23 S	17/23 S	12/17 SE	13/20 SE	13/20 SE
300	14/22 SE	13/17 S	13/20 S	15/23 S	11/18 SE	11/19 SE	9/18 SE
Valley	7/17 SE	9/17 S	10/19 S	12/22 S	7/16 SE	7/18 SE	7/16 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	12/9	14/12	15/12	14/12	13/10	12/10
300	14/11	15/13	17/15	17/14	16/14	15/13	14/12
Valley	14/13	16/15	19/17	19/16	17/16	15/14	14/13
Freezing Level*	2500m	2300m	2400m	2500m	2500m	2300m	2300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Strong sunshine possible during cloud breaks. Conditions may deteriorate quickly during the afternoon with any heavy, thundery showers, so it's worth being ready to descend off of exposed routes and ridges. Waterproofs also essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Wed 07 Sep 2022	3.4mm	18.2mm	22.2mm

Forecast for Thursday 08 Sep 2022

Weather: Mainly dry again overnight, with a chance of some showers towards and just after dawn. Rather murky once more to start the day, with areas of low cloud, but soon lifting and breaking through the morning. Otherwise, continuing fairly warm but unsettled, with a risk of heavy showers and thunderstorms, especially during the afternoon. Some strong gusty winds possible, mainly early morning and also in association with any afternoon showers.

Maximum wind: Southeasterly 20mph, gusting 25-30mph. Isolated gusts up to 40mph near heavy showers.

Chance of cloud-free hill tops above 600m: 20% improving 80% through the morning.

Low cloud and visibility: Areas of cloud potentially obscuring hills above 300m at first, perhaps down to valley floors for some. This lifting and breaking through the morning with summits clearing, but some cloud likely returning above 500m during heavy showers. Outside of cloud, visibility will generally be very good, but falling to moderate or poor during any heavy showers, with only nearby hills visible.

Temperature: **Valleys:** Plus 12 becoming plus 22 degrees Celsius
At 600m: Plus 11 becoming plus 14 degrees Celsius
Freezing level: Above the summits